



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:												
Lined MSWLF	X	LCID		YW		Transfer		Compost		SLAS		COUNTY: Guilford PERMIT NO.: 41-12 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: 03/26/13

Date of Last Inspection: 02/08/12

FACILITY NAME AND ADDRESS:

City of Greensboro
 White Street MSW Landfill
 2503 White Street
 Greensboro, N.C. 27405

GPS COORDINATES: N: 36.10831 E: 79.73095

FACILITY CONTACT NAME AND PHONE NUMBER:

Jason Jernigan, Waste Disposal Manager
 Office: 336-412-3959
 Landfill: 336-373-7658
 Cell: 336-587-3445
 e-mail: jason.jernigan@greensboro-nc.gov

FACILITY CONTACT ADDRESS:

City of Greensboro, Environmental Services Department
 Solid Waste Management Division
 P.O. Box 3136
 Greensboro, North Carolina 27402

PARTICIPANTS:

Jason Jernigan, Interim Waste Disposal Manager
 Lewis Walker, Compliance Supervisor
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Date of Original Permit to Construct (Cell 1, Phase III): March 17, 1997
 Date of Original Permit to Operate (Cell 1, Phase III): December 9, 1997
 Modification, Permit to Operate (Cell 1 expansion): May 15, 1998
 Amendment, Permit to Construct (Alternate liner, additional property, Cells 2&3): October 6, 2000
 Amendment, Permit to Operate (Alternative liner, Cell 2): June 14, 2001
 Amendment, Permit to Operate (Cell 3): April 14, 2005
 Amendment, Permit to Operate (Renewal for Cells 1, 2, &3, Operational Plans modification): June 15, 2011
Permit Expiration Date: April 14, 2015

PURPOSE OF SITE VISIT:

Comprehensive Inspection

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STATUS OF PAST NOTED VIOLATIONS:

NONE

OBSERVED VIOLATIONS

NONE

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

1. The facility is a MSW Landfill (Phase III Area) operating under Permit No. 41-12.
2. At the same location a Compost Facility, Closed MSW Landfill (Phase II Area), and C&D Landfill over a Closed (Phase II Area) MSW Landfill are permitted under separate Permit No. 41-03.
3. The service area for the facility is Guilford County.
4. The MSW Landfill ceased receiving daily waste loads of residential, commercial, and industrial waste in September 2006 since the opening of the Greensboro MSW Transfer facility at another location.
5. The MSW landfill is active, but has a reduced waste acceptance (mostly bar screen waste from the City of Greensboro Waste Water Treatment Plant, and ash generated by the City of Greensboro, Osborne Waste Water Treatment Plant). The MSW landfill is utilized primarily as an emergency back-up disposal for the transfer station (the landfill has accepted general MSW waste two days since September 2006).
6. The City of Greensboro has plans to keep the MSW landfill open for emergency situations and acceptance of the above-mentioned waste materials. There is approximately 1.4 million cubic yards of disposal airspace remaining from the permitted ~5.35 million cubic yards of the Phase III Area.
7. Reviewed permit, operational plans (approved under 06/15/11 Permit to Operate Renewal) and facility operational records, including tonnage reports, methane monitoring, leachate logs, semi-annual monitoring reports, plans, and training records.
8. Financial assurance documentation for Permit 41-12 has been approved by the Solid Waste Section.
9. The MSW landfill received 640 tons (average of approximately 20-30 tons per day) of ash and Waste Water Treatment Plant bar screen waste during the month of February 2013.
10. Reviewed landfill gas monitoring program and most recent landfill gas monitoring report. The last quarterly monitoring event was conducted December 31, 2012. No exceedances were detected at the sampling locations consisting of 14 landfill gas monitoring wells, scale house, and operations building. Sampling is conducted with a GEM 2000 gas monitor and the facility maintains manufacturer's calibration and field calibration data for the unit.
11. The facility has a Title V Permit for landfill gas emissions from the Division of Air Quality. Reviewed methane surface monitoring data required by the Air Quality Permit.
12. A landfill gas extraction/collection system is approved for the Phase III area (in combination with approval for the Phase II area system permitted under Permit 41-03). Collected landfill gas may be flared or utilized for boiler fuel by Cone Mills Corporation. For the period January 2013, 47.3 million cubic feet of landfill gas was extracted from the Phase III area. During the calendar year 2012 the facility collected 572.7 million cubic of gas, all extracted landfill gas from Phase III was flared during 2012. No landfill gas odors were observed on or around the MSW Landfill.
13. Landfill gas was being flared during the inspection.

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14. Reviewed semiannual ground water, leachate, and surface water monitoring report for sampling conducted on October 22-26, 2012. No exceedances of the NCAC 2L water quality standards in the 12 groundwater monitoring wells or 3 surface water monitoring sites were detected.
15. Reviewed landfill training records. The facility has numerous SWANA certifications for landfill operators and managers, including the following:
Jason Jernigan, Certified Landfill Manager, expires 02/11/16, Lewis Walker, Certified Landfill Manager, expires 06/26/15; Robert Rash, Certified Compost Program Manager, expires 02/11/16; Gail Hay, Certified Landfill Manager, expires 03/24/15; Clyde Harding, Certified Landfill Manager, expires 03/26/15; Barry Cobb, Certified Landfill Operations Specialist, expires 02/28/15; Barnard Garner, Certified Landfill Operations Specialist, expires 11/15/14; Eddie Briggs, Certified Landfill Operations Specialist, expires 03/26/15; Donald Van Eaton, Certified Landfill Operations Specialist, expires 11/15/14; Shane Manley, Certified Landfill Operations Specialist, expires 07/30/13. John Bald, Wilbert Carter, Shane Manley, Larry Rummage, Tracy Toles, and Cindy Verdeck have recently completed the Certified Landfill Operations Specialist class but have not received certificates as of the date of this inspection.
16. Observed landfill operations, landfill operations were also observed on February 26, 2013 and incorporated into this report.
17. Phase III of the MSW facility consists of 3 cells. Disposal operations currently being conducted in Cell 3.
18. Due to the small amount of waste being received, soil cover is generally applied as the waste is placed on the working face. The working face was observed to be completely covered with soil/ash during the inspection. Use of an alternative daily cover (Posi-Shell) is approved, but not being utilized at this time.
19. No random inspections are being conducted for the MSW Landfill since the waste being disposed is only bar screen waste and ash. Random inspections are being conducted for incoming waste at the C&D Landfill.
20. Random inspections for the MSW would resume if the facility begins accepting general MSW waste (residential, commercial, and industrial waste).
21. Adequate intermediate soil cover and vegetation observed over inactive areas. Note: Minor areas of subsidence observed on top of the landfill. The facility plans to have additional soil cover applied and reseeded as needed.
22. Mowing of vegetative cover for the Phase III MSW landfill is conducted a minimum of two times per year.
23. Additional intermediate soil cover and seeding has been conducted over other portions of the landfill, as needed.
24. Road ways throughout the facility are well maintained. A water truck is utilized during dry periods for dust suppression on roadways.
25. No windblown materials were observed in or around the MSW landfill.
26. The facility has a Storm Water NPDES Permit NCG 120000, and is currently undergoing renewal. The facility is conducting the required storm water monitoring, and has been recently inspected by Water Quality.
27. Slope drains have been installed as per the facility plan to direct storm water from the intermediate cover areas.
28. Sedimentation basins well maintained with adequate capacities, no on site or off-site erosion noted. The facility has an active Land Quality Erosion Control Permit.
29. Permanent edge of waste boundary markers are installed on the Phase III MSW landfill.
30. Monitoring well casings are locked and enclosed within locked fences.
31. Reviewed leachate inspection/daily reading logs. The leachate system is typically inspected four times per week.
32. Leachate collected from the MSW Landfill is stored in two 350,000 storage tanks and leachate is pumped to the City of Greensboro Waste Water Treatment Plant. Tank A is typically utilized a pretreatment tank. Leachate is transferred to tank B for discharge. The leachate tanks are operated to maintain adequate storage capacities for heavy rain events.
33. A leachate system camera inspection and clean-out was conducted on 05/05/11 by JetClean America. No impedances were detected during the inspection and clean-out process.

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Please contact me if you have any questions or concerns regarding this inspection report.



Phone: 336-771-5093

Hugh Jernigan
Environmental Senior Specialist
Regional Representative

Sent on: 03/27/13	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. <u> 1 </u>
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Copies: Jason Watkins, Western District Supervisor
 Jessica Montie, Solid Waste Compliance Officer